OIPE JC60
MAY 24 2004
PATENT & TRADEMARK OFFICE

DOCKET NO.: P-11548.00

IFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT TRANSMITTAL

In re Application of: Dwight H. Warkentin et al.
For: METHOD AND APPARATUS FOR CONTROLLING EXTRA-SYSTOLIC STIMULATION (ESS) THERAPY USING ISCHEMIA DETECTION
Serial No.: 10/680,462
Filed: October 07, 2003

CERTIFICATE OF MAILING UNDER 37 CFR 1.8: I hereby certify that this **INFORMATION DISCLOSURE STATEMENT** and the paper(s), as described herein, are being deposited in the U.S. Postal Service, as first class mail, addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 21st day of May, 2004.

Molly Chlebeck
Signature
Molly Chlebeck
Printed Name

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

We are transmitting herewith the attached:

- ☒ Information Disclosure Statement
- ☒ PTO FORM 1449
- ☒ Copies of the cited references
- ☒ Return Postcard

FEE CALCULATION

- ☒ $ 00.00 Pursuant to 37 CFR §1.97(b) (before mailing of first Office Action)
- ☐ $ 00.00 Pursuant to 37 CFR §1.97(c) with Certification (cited in foreign application not more than 3 months earlier)
- ☐ $ 00.00 Pursuant to 37 CFR §1.97(e) with Certification
- ☐ $180.00 Pursuant to 37 CFR §1.97(c) without Certification
- ☐ $180.00 Pursuant to 37 CFR §1.97(d) with Certification

☐ Applicant hereby petitions for a months' extension of time. If an additional extension of time is required, please consider this petition therefor.

☒ Applicant believes that no extension of time is required. However, if an extension of time is required, please consider this a petition therefor to provide for the possibility that applicant has inadvertently overlooked the need for an extension of time.

☒ Please charge any additional fees or credits to Deposit Account No. 13-2546 which may have been overlooked with regard to this filing. A duplicate of this transmittal is enclosed.

24 May '04
Date

Paul H. McDowall
Reg. No. 34,873
Telephone: (763) 514-3351
Customer No. 27581

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Please type a plus sign (+) inside this box → [+]

PTO/SB/08A (08-00)
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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known	
Application Number	10/680,462
Filing Date	October 7,2003
First Named Inventor	Dwight H. Warkentin
Group Art Unit	3762
Examiner Name	Unknown
Attorney Docket Number	P0011548.00

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite[1] No.	U.S. Patent Document Number	Kind Code[2] (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	2003/0020364	A1	Nakatani	01/30/2003	
	AB	6,438,408	B1	Mulligan et al.	08/20/2002	
	AC	6,397,100	B2	Stadler et al.	05/28/2002	
	AD	2002/0053025	A1	Deo et al.	05/02/2002	
	AE	6,233,486	B1	Ekwall et al.	05/15/2001	
	AF	6,126,526		Herrscher et al.	10/03/2000	
	AG	6,021,350		Mathson	02/01/2000	
	AH	5,987,352		Klein et al.	11/16/1999	
	AI	5,628,777		Moberg et al.	05/13/1997	
	AJ	5,564,434		Halperin et al.	10/15/1996	
	AK	5,549,650		Bomzin et al.	08/27/1996	
	AL	5,545,186		Olson et al.	08/13/1996	
	AM	5,531,768		Alferness	07/02/1996	
	AN	5,313,953		Yomtov et al.	05/24/1994	
	AO	5,213,098		Bennett et al.	05/25/1993	
	AP	5,199,428		Obel et al.	04/06/1993	
	AQ	5,117,824		Keimel et al.	06/02/1992	
	AR	5,047,208		Schweitzer et al.	09/10/1991	
	AS	5,025,786		Siegel	06/25/1991	
	AT	4,813,421		Baudino et al.	03/21/1989	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite[1] No.	Foreign Patent Document Office[3]	Number[4]	Kind Code[5] (if known)	Name of Patentee of Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite[1] No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
	AU	Theres et al., "Comparison of Electrocardiogram and Intrathoracic Electrogram Signals for Detection of Ischemic ST Segment Changes During Normal Sinus and Ventricular Paces Rhythms", J Cardiovascular Electrophysiology, Vol. 13, pp. 990-995, Oct, 10, 2002.	
	AV	MW Krucoff et al. The First ISCE Board of "Trustees" Overview Panel Session: Ischemia Monitoring, Sate of the Art, Journal of Electrocardiology Vol. 35 Supplement 2002, 207-228.	
	AW	C Papaloukas et al. Automated Methods for Ischemia Detection in Long-Duration ECGs Cardiovascular Reviews and Reports 2003:24:313-320	

Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw Line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

[1] Unique citation designation number.
[2] See attached Kinds of U.S. Patent Documents.
[3] Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).
[4] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.
[5] Kind of document by the appropriate symbol as indicated on the document under WIPO Standard ST. 16 if possible.
[6] Applicant is to place a check mark here if English language Translation is attached.
[1] Unique citation designation number.
[2] Applicant is to place a check mark here if English language translation is attached.

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PATENT & TRADEMARK OFFICE

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):	Dwight H. Warkentin et al.	) Art Unit:	3762
Serial No.:	10/680,462	) Examiner:	Unknown
Filed:	October 7, 2003	) Docket:	P-11548.00

For: METHOD AND APPARATUS FOR CONTROLLING EXTRA-SYSTOLIC STIMULATION (ESS) THERAPY USING ISCHEMIA DETECTION

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with C.F.R. §§ 1.97 *et. seq.*, the materials enclosed herewith are brought to the attention of the Examiner as possibly being of interest in connection with the above-identified patent application.

Consideration of each of the documents listed on the attached Form 1449 is respectfully requested. Pursuant to the provisions of M.P.E.P. §609, Applicant further requests that a copy of the Form 1449, marked as being considered and initialed by the Examiner, be returned with the next Official Communication.

Respectfully submitted,

Date: 21 May 04

By: _____
Paul H. McDowall
Reg. No. 34,873
Telephone: (763) 514-3351
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